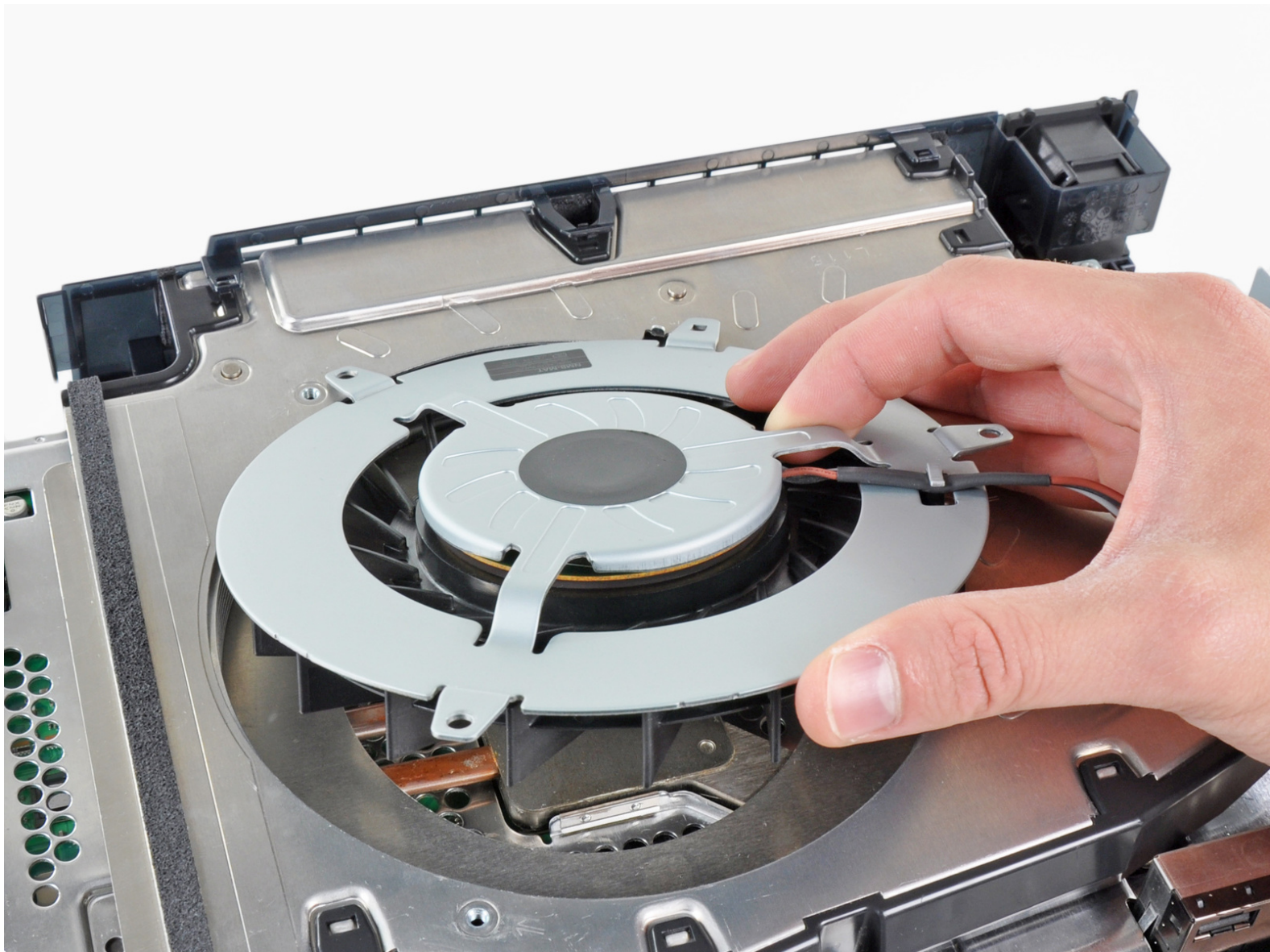




PlayStation 3 Fan Replacement

Replace your PS3's single cooling fan.

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INTRODUCTION

Use this guide to replace a burned-out fan on your PlayStation 3.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
- [Phillips #1 Screwdriver](#) (1)
- [Spudger](#) (1)
- [T10 Torx Screwdriver](#) (1)



PARTS:

- [Sony PlayStation 3 Fan](#) (1)
-

Step 1 — Smart Plate



- Use the tip of a spudger to remove the black rubber screw cover from the side of the PS3.
- ❗ The screw cover may be underneath a warranty sticker. This sticker will change appearance, and show "VOID" after it has been removed.

Step 2



- Remove the single 8.5 mm T10 Security Torx screw from the smart plate.


Step 3



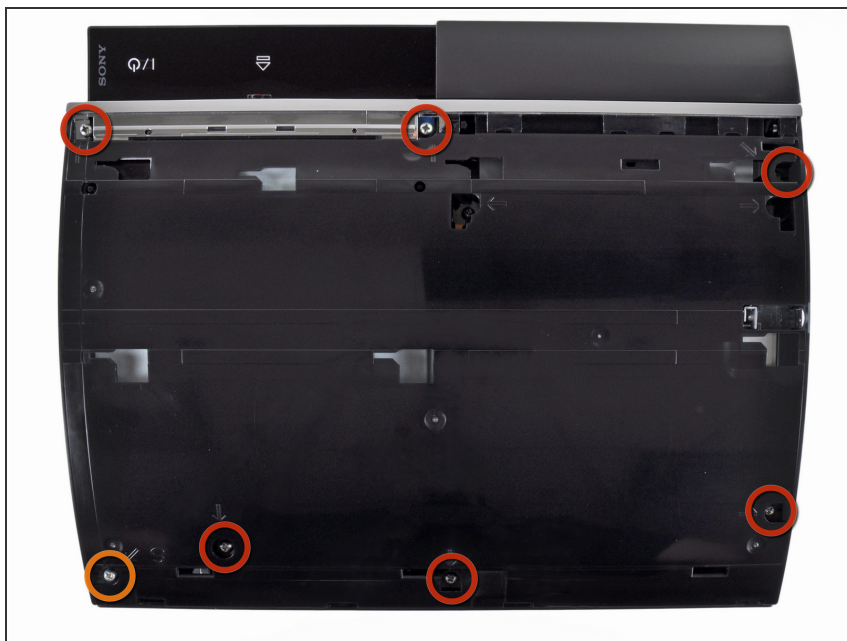
- Pull the smart plate toward the hard drive bay, then lift it off the body of the PS3.

Step 4



 Be sure to keep track of the small metal bracket loosely held in the top cover, if equipped.

Step 5 — Top Cover



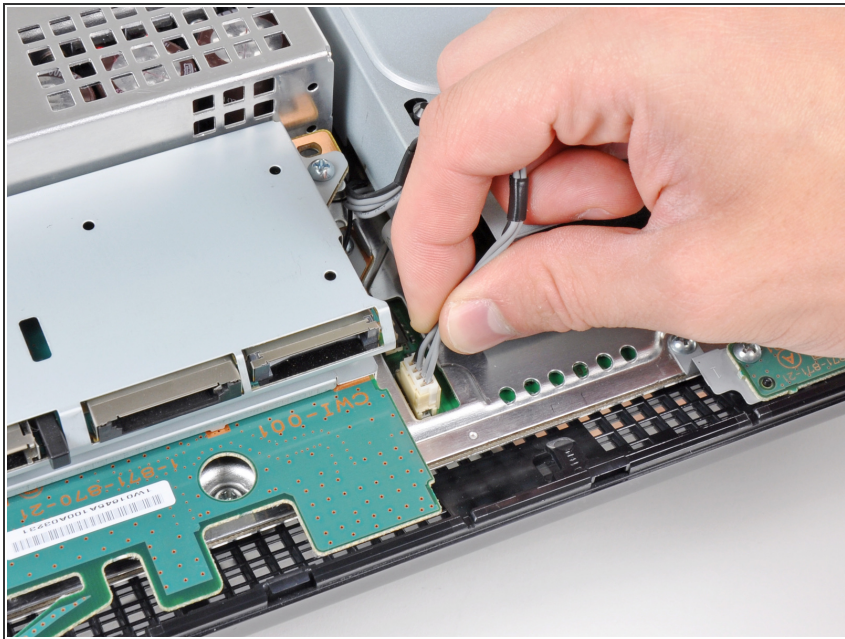
- Remove the following seven screws:
 - Six 52 mm Phillips screws
 - One 30 mm Phillips screw

Step 6



- Lift the top cover from its rear edge and rotate it toward the front of the PS3.
- Remove the top cover.

Step 7 — Blu-ray Disc Drive



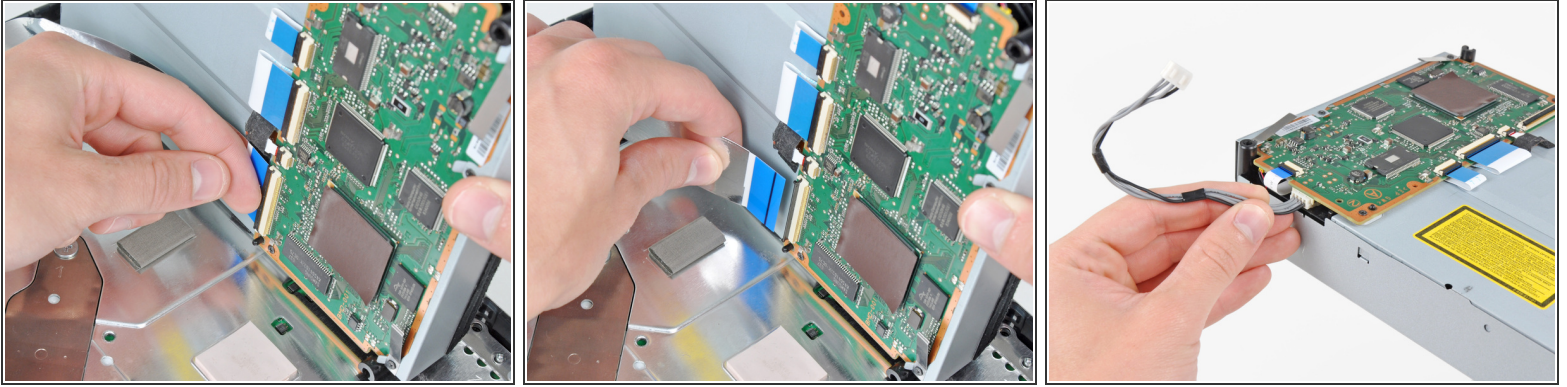
- Disconnect the Blu-ray power cable from the motherboard.
- ⓘ Pull the connector straight up and out of its socket.

Step 8





- Lift the Blu-ray drive from the edge nearest the power supply and rotate it away from the chassis enough to access its ribbon cable.

Step 9

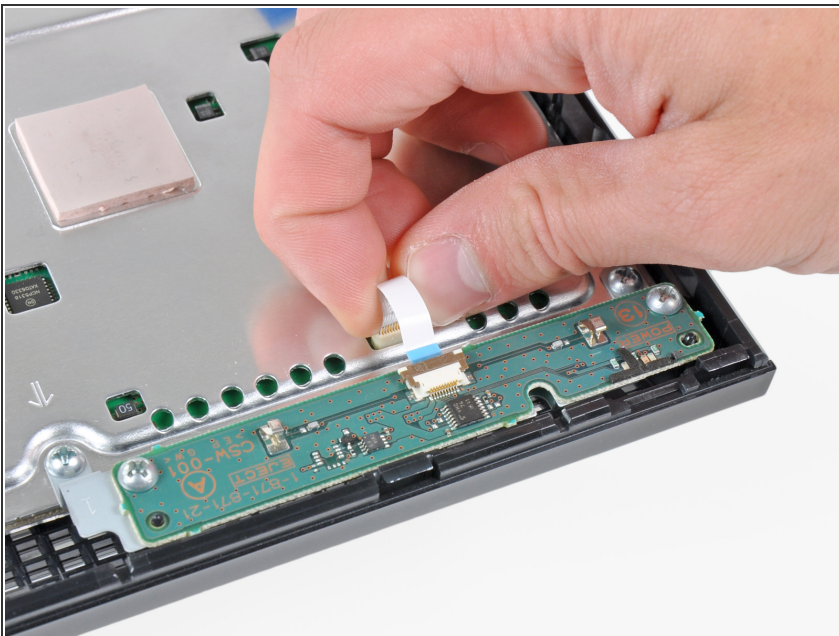


- Use your fingernail to flip up the retaining flap on the Blu-ray ribbon cable socket.

 Be sure you are prying up on the retaining flap, **not** the socket itself.

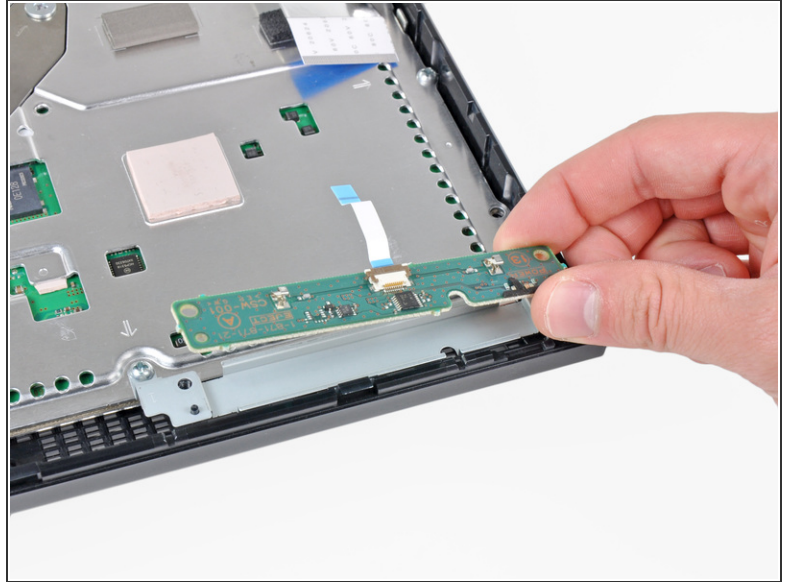
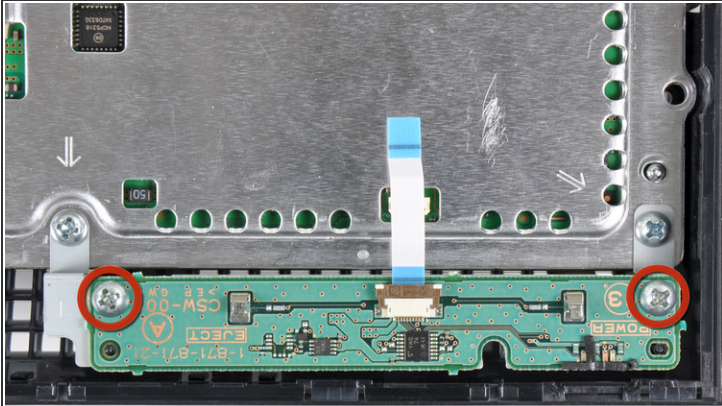
- Pull the ribbon cable out of its socket.
 - Remove the Blu-ray drive from the PS3.
-  If replacing the Blu-ray drive, transfer the power cable to your new drive.

Step 10 — Motherboard Assembly



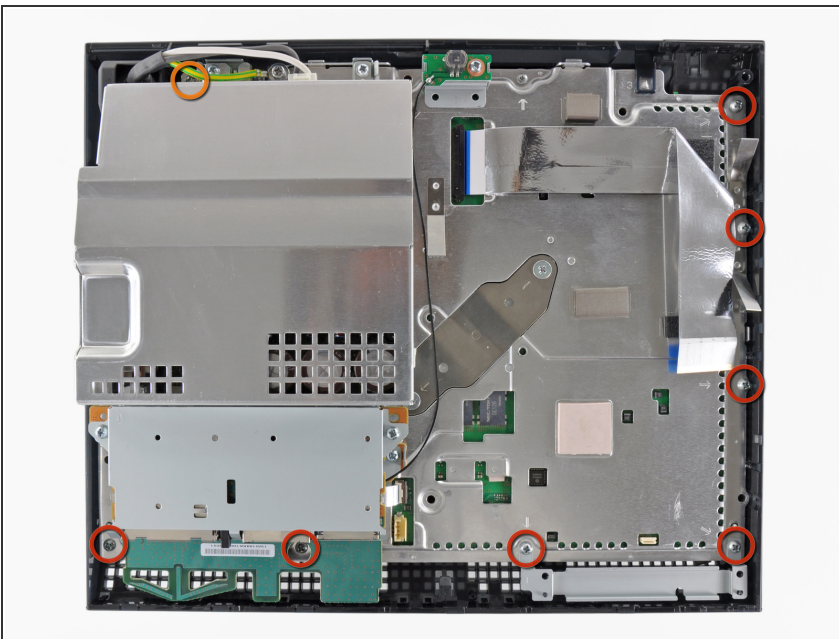
- Pull the control board ribbon cable straight up and out of its socket on the motherboard.

Step 11



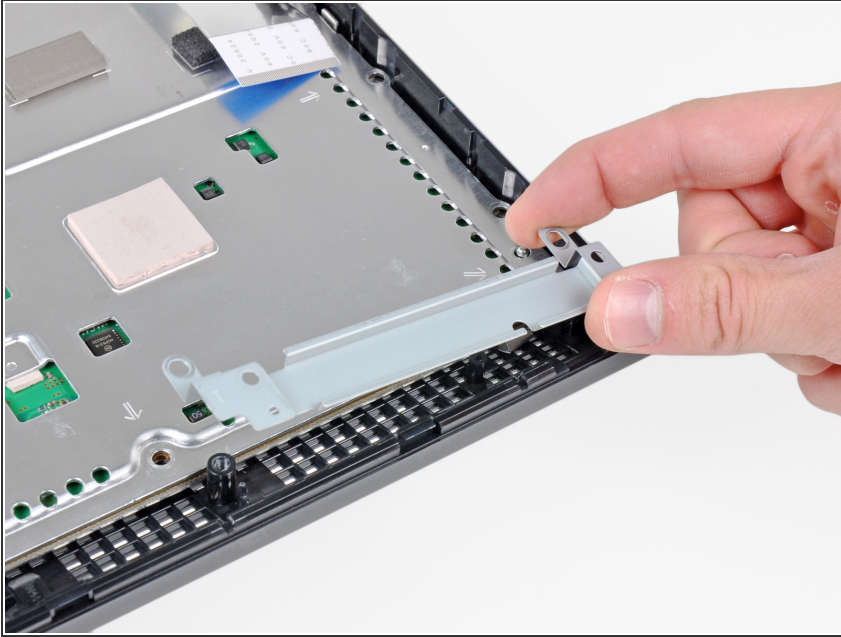
- Remove the two 12 mm Phillips screws securing the control board to the lower case.
- Remove the control board and its attached cable from the PS3.

Step 12



- Remove the following eight screws securing the motherboard assembly to the lower case:
 - Seven 12 mm Phillips screws (ph2)
 - One 30 mm Phillips screw

Step 13



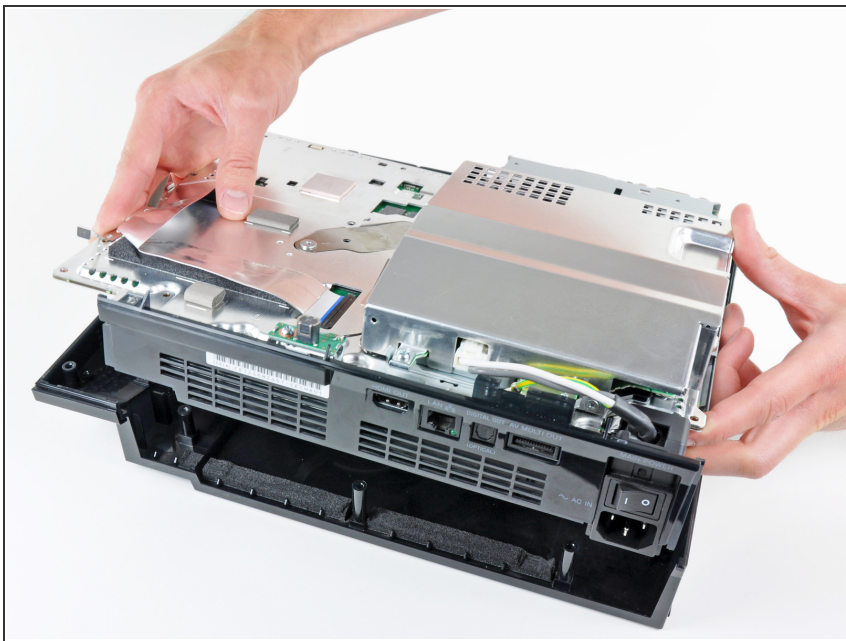
- Remove the control board bracket.

Step 14



- Use the flat end of a spudger to pry the hard drive bay cover away from the lower case.
- Remove the hard drive bay cover.

Step 15



- Lift the motherboard assembly out of the lower case.

Step 16 — Fan



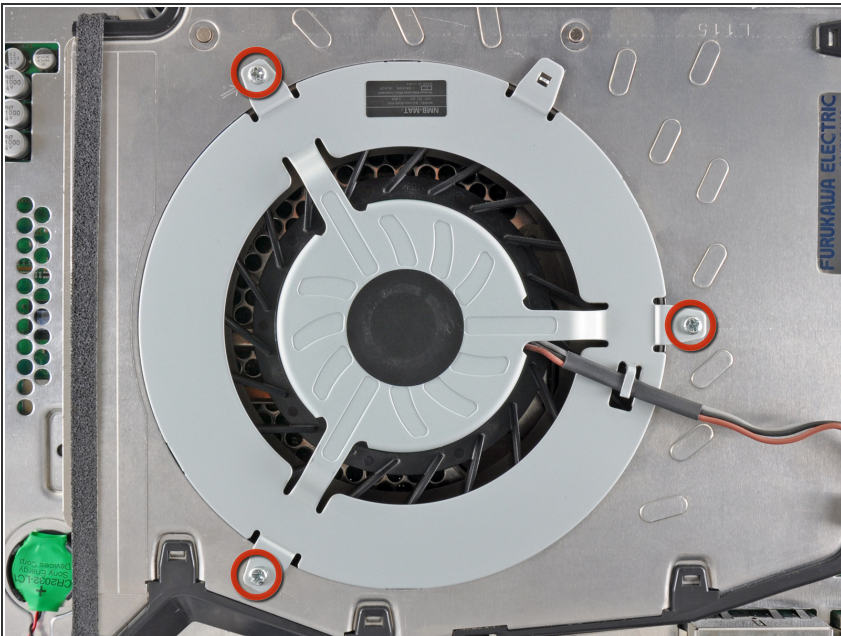
- De-route the fan cables from under the plastic finger molded into the heat sink.

Step 17



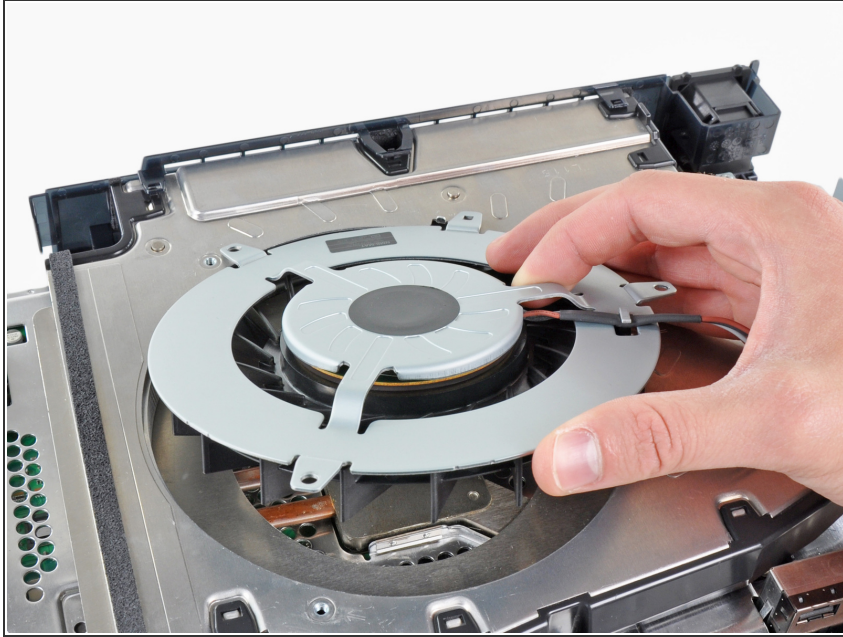
- Disconnect the fan from the motherboard.
- ① Pull the connector straight up and out of its socket on the motherboard.

Step 18



- Remove the three 5.7 mm #0 Phillips screws securing the fan to the heat sink.

Step 19



- Remove the fan from the heat sink, minding its cables that may get caught.

To reassemble your device, follow these instructions in reverse order.

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